SLHS 589L – Advanced Audiologic Evaluation Lab
Room 409; Monday 1:00-3:30 pm

Description of Course: D2L Website: SLHS 589L FA17 001
The purpose of this lab is to develop skills coincident with the knowledge areas presented in SLHS 589R, Advanced Audiologic Evaluation. Each skill will be evaluated by performance on lab assignments, quizzes and practical examinations. The practical examinations will probe selected skill areas.

Instructors and Contact Information
Instructor: Linda Norrix, PhD, CCC-A
Office Hours: By appointment
Office Location: Room 405D
Email: norrix@email.arizona.edu

TA: Jaclyn Miller, B.S.
Office Hours: By appointment
Email: jaclyntom@email.arizona.edu

Course Format
This lab will include small-group activities, in-class discussions, and web-delivered content.

Course Objectives and Expected Learning Outcomes
Upon completion of this experience, students will be able to:

1. Perform a listening check to determine correct operation and set up of audiometer and components
2. Know how to access audiometric software and understand the functions of all buttons and controls on the audiometers used in the clinic (i.e., if asked, “What does THAT do?”, you should be able to answer the question)
3. Demonstrate ability to obtain case history
4. Demonstrate ability to safely perform otoscopy and video-otoscopy
5. Demonstrate correct procedure for inserting/placing various transducers (inserts, headphones, bone)
6. Demonstrate ability to instruct the patient for pure-tone air conduction, bone conduction, speech audiometry, masked and unmasked testing, immittance
7. Arrange settings for and perform pure-tone air conduction and bone conduction testing using the modified Hughson-Westlake procedure
8. Arrange settings for and perform masking during pure-tone and speech audiometry
9. Arrange settings for and perform speech audiometry, speech thresholds and supra-threshold word recognition, using both monitored live voice and recorded materials
10. Arrange settings for and perform masking during pure-tone and speech audiometry
11. Arrange settings for and perform immittance testing (tympanometry and acoustic reflexes)
12. Demonstrate ability to record test results correctly (i.e., know all of the symbols) on an audiological test record
13. Demonstrate ability to counsel patient regarding test results

These learner outcomes are in accordance with ASHA Knowledge and Skill areas: A9, A10, A13, A14, A21, A22, A24, A25, C2, C3, C4, C5, C7, C9, C10. See www.asha.org/Certification/2012-Audiology-Certification-Standards/#Standard IV for description of specific standards.
Absence and Class Participation Policy
The UA’s policy concerning Class Attendance, Participation, and Administrative Drops is available at [http://catalog.arizona.edu/2015-16/policies/classatten.htm](http://catalog.arizona.edu/2015-16/policies/classatten.htm).

The UA policy regarding absences for any sincerely held religious belief, observance or practice will be accommodated where reasonable: [http://policy.arizona.edu/human-resources/religious-accommodation-policy](http://policy.arizona.edu/human-resources/religious-accommodation-policy).

Absences preapproved by the UA Dean of Students (or dean’s designee) will be honored. See [http://uhap.web.arizona.edu/policy/appointed-personnel/7.04.02](http://uhap.web.arizona.edu/policy/appointed-personnel/7.04.02).

This is a graduate career preparation course, and class attendance and participation are expected. As a professional responsibility, you must notify Dr. Norrix if you are unable to attend class. All assignments must be turned in by the due dates listed. If you miss class material, then it is your responsibility to obtain the information from your classmates.

All holidays or special events observed by organized religions will be honored for those students who show affiliation with that particular religion. Absences pre-approved by the UA Dean of Students (or Dean’s designee) will be honored.

Course Communication
Online communication will be conducted through official UA e-mail and D2L services.

Required Texts or Readings
No textbook is required for this lab. Notes specific to each section exercise will be posted on the class D2L website.

Lab Reports and Quizzes
There will be 10 labs that require a written lab report and two in-class quizzes. Lab assignments/reports must be turned in via D2L Dropbox and are due within 1 week after the corresponding lab session (due dates to D2L Dropbox listed below). For each day past the due date, 2 points will be deducted from your score.

Practical Evaluation
There will be two practical proficiency examinations designed to assess your ability to complete the clinical procedures reviewed in class.

Grading Scale and Policies
Grades will be based upon performance on lab assignments and on the final practicum examination. Outcomes will be assessed through grading of assignments and direct assessment of skills. Grades will be based upon a percentage of the total points, i.e., 90-100% = A; 80-89.9% = B; 70-79.9% = C, etc.)

<table>
<thead>
<tr>
<th>Assignments &amp; Quizzes</th>
<th>Point Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 points per lab assignment (x 10 labs)</td>
<td>150</td>
</tr>
<tr>
<td>Practical #1</td>
<td>20</td>
</tr>
<tr>
<td>Final Practical Exam</td>
<td>50</td>
</tr>
<tr>
<td>Wire/Connector Quiz</td>
<td>10</td>
</tr>
<tr>
<td>Final written in-class quiz</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total Points:</strong></td>
<td><strong>240</strong></td>
</tr>
</tbody>
</table>
Requests for incomplete (I) or withdrawal (W) must be made in accordance with University policies, which are available at http://catalog.arizona.edu/2015-16/policies/grade.htm#I and http://catalog.arizona.edu/2015-16/policies/grade.htm#W, respectively.

<table>
<thead>
<tr>
<th>Date</th>
<th>Lab #</th>
<th>Topic</th>
<th>Due Date</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 21</td>
<td>Lab 1</td>
<td>Intro to lab &amp; Case History</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aug 28</td>
<td>Lab 2</td>
<td>Audiometers &amp; Biologic/Listening check of audiometers Extra: Quick tutorial on Hearing Screenings</td>
<td>Sept 4</td>
<td>15</td>
</tr>
<tr>
<td>Sept 4</td>
<td>No class</td>
<td>Labor Day</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sept 11</td>
<td>Lab 3</td>
<td>Otoscopy</td>
<td>Sept 18</td>
<td>15</td>
</tr>
<tr>
<td>Sept 18</td>
<td>Lab 4</td>
<td>Pure tone air</td>
<td>Sept 25</td>
<td>15</td>
</tr>
<tr>
<td>Sept 25</td>
<td>Lab 5</td>
<td>Pure tone bone</td>
<td>Oct 2</td>
<td>15</td>
</tr>
<tr>
<td>Oct 2</td>
<td>Lab 6</td>
<td>Masking</td>
<td>Oct 9</td>
<td>15</td>
</tr>
<tr>
<td>Oct 9</td>
<td>Practical</td>
<td>Otoscopy, using audiometers, &amp; Pure tone testing</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>Oct 16</td>
<td>No class</td>
<td>U of A Conference-online D2L wires &amp; connectors module</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oct 23</td>
<td>Lab 7</td>
<td>Speech recognition threshold</td>
<td>Oct 30</td>
<td>15</td>
</tr>
<tr>
<td>Oct 30</td>
<td>Lab 8</td>
<td>Word recognition testing &amp; QuickSIN</td>
<td>Nov 6</td>
<td>15</td>
</tr>
<tr>
<td>Nov 6</td>
<td>Lab 9</td>
<td>Tympanometry</td>
<td>Nov 13</td>
<td>15</td>
</tr>
<tr>
<td>Nov 13</td>
<td>Lab 10</td>
<td>Middle ear muscle reflexes</td>
<td>Nov 20</td>
<td>15</td>
</tr>
<tr>
<td>Nov 20</td>
<td>Class</td>
<td>Counseling on the audiogram</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nov 27</td>
<td>Class</td>
<td>Special topics-TBA Wires/ connectors in class quiz</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Dec 4</td>
<td></td>
<td>Comprehensive Practical exams</td>
<td></td>
<td>50</td>
</tr>
<tr>
<td>Dec 13</td>
<td>Wed 1-3</td>
<td>Final Quiz</td>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>

**Classroom Behavior Policy**

To foster a positive learning environment, students and instructors have a shared responsibility. We want a safe, welcoming, and inclusive environment where all of us feel comfortable with each other and where we can challenge ourselves to succeed. To that end, our focus is on the tasks at hand and not on extraneous activities (e.g., texting, chatting, reading a newspaper, making phone calls, web surfing, etc.).

Students are asked to refrain from disruptive conversations with people sitting around them during lecture or class activities. Students observed engaging in disruptive activity will be asked to cease this behavior. Those who continue to disrupt the class will be asked to leave lecture or discussion and may be reported to the Dean of Students.

**Threatening Behavior Policy**

The UA Threatening Behavior by Students Policy prohibits threats of physical harm to any member of the University community, including to oneself. See http://policy.arizona.edu/education-and-student-affairs/threatening-behavior-students.
Accessibility and Accommodations

Our goal in this classroom is that learning experiences be as accessible as possible. If you anticipate or experience physical or academic barriers based on disability, please let Dr. Norrix know immediately so that we can discuss options. You are also welcome to contact the Disability Resource Center (520-621-3268) to establish reasonable accommodations. For additional information on the Disability Resource Center and reasonable accommodations, please visit http://drc.arizona.edu.

If you have reasonable accommodations, please plan to meet with Dr. Norrix by appointment to discuss accommodations.

Please be aware that the accessible table and chairs in the classroom should remain available for students who find that standard classroom seating is not usable.

Code of Academic Integrity

Students are encouraged to share intellectual views and discuss freely the principles and applications of course materials. However, graded work/exercises must be the product of independent effort unless otherwise instructed. Students are expected to adhere to the UA Code of Academic Integrity as described in the UA General Catalog. See http://deanofstudents.arizona.edu/academic-integrity/students/academic-integrity.

The University Libraries have some excellent tips for avoiding plagiarism, available at http://www.library.arizona.edu/help/tutorials/plagiarism/index.html.

Selling class notes and/or other course materials to other students or to a third party for resale is not permitted without the instructor’s express written consent. Violations to this and other course rules are subject to the Code of Academic Integrity and may result in course sanctions. Additionally, students who use D2L or UA e-mail to sell or buy these copyrighted materials are subject to Code of Conduct Violations for misuse of student e-mail addresses. This conduct may also constitute copyright infringement.

UA Nondiscrimination and Anti-harassment Policy

The University is committed to creating and maintaining an environment free of discrimination; see http://policy.arizona.edu/human-resources/nondiscrimination-and-anti-harassment-policy.

Our classroom is a place where everyone is encouraged to express well-formed opinions and their reasons for those opinions. We also want to create a tolerant and open environment where such opinions can be expressed without resorting to bullying or discrimination of others.

Additional Resources for Students

UA Academic policies and procedures are available at http://catalog.arizona.edu/2015-16/policies/aaindex.html.

Student Assistance and Advocacy information is available at http://deanofstudents.arizona.edu/student-assistance/students/student-assistance

Confidentiality of Student Records

http://www.registrar.arizona.edu/ferpa/default.htm

Subject to Change Statement

Information contained in the course syllabus, other than the grade and absence policy, may be subject to change with advance notice, as deemed appropriate by the instructor.